

EAST Search History

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|------|--|---|------------------|---------|---------------------|
| L5 | 240 | "Oka; Masaaki".in. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/06/09 04:50 |
| L6 | 6 | I5 and smoothing | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/06/09 04:51 |
| S1 | 78 | edge adj detection and orientation adj detection | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/05/28 15:14 |
| S2 | 254 | ((345/136) or (382/269)).CCLS. | US-PGPUB; USPAT; USOCR | OR | OFF | 2008/05/28 15:31 |
| S4 | 55 | S2 and orientation | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/05/28 15:43 |
| S6 | 16 | S2 and orientation and edge near detect\$4 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/05/28 15:44 |
| S7 | 25 | S2 and (orientation or angle) and edge near detect\$4 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/05/28 16:42 |
| S8 | 0 | S2 and (orientation or angle) near detect\$4 and edge near detect \$4 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/05/28 18:01 |
| S9 | 0 | S2 and (orientation or angle) near detect\$4 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/05/28 18:01 |

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|-----|-----|--|---|----|-----|---------------------|
| S10 | 135 | edge adj detect\$4 same (orientation or angle) adj detect\$4 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/05/28 18:08 |
| S11 | 46 | (345/616).CCLS. | US-PGPUB; USPAT; USOCR | OR | OFF | 2008/05/29 19:48 |
| S12 | 12 | S11 and (orientation or angle)and edge | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/05/29 19:49 |
| S13 | 2 | S11 and (orientation or angle) near (filter or detect\$4) and edge | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/05/29 19:50 |
| S14 | 8 | "5699172" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/05/30 22:00 |
| S15 | 7 | (US-20040161141-\$). did. or (US-5867142-\$ or US-5293579-\$ or US-6798422-\$ or US- 6650790-\$ or US- 6873741-\$ or US- 5699172-\$).did. or (EP- 689159-A-\$).did. | US-PGPUB; USPAT; DERWENT | OR | OFF | 2008/05/30 22:01 |
| S16 | 0 | S15 and convolution | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/05/30 22:01 |
| S17 | 0 | S15 and convole | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/05/30 22:01 |
| S18 | 582 | (345/611).CCLS. | US-PGPUB; USPAT; USOCR | OR | OFF | 2008/05/30 22:20 |
| S19 | 46 | (345/616).CCLS. | US-PGPUB; USPAT; USOCR | OR | OFF | 2008/05/30 22:21 |
| S20 | 582 | S18 or S19 and (convolution or convolve) same (orientation or angle) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/05/30 22:21 |

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| S21 | 5 | (S18 or S19) and (convolution or convolve) same (orientation or angle) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/05/30 22:21 |
| S22 | 66 | (S18 or S19) and (convolution or convolve) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/05/30 22:31 |
| S23 | 582 | (345/611).CCLS. | US-PGPUB; USPAT; USOCR | OR | OFF | 2008/06/02 19:03 |
| S24 | 46 | (345/616).CCLS. | US-PGPUB; USPAT; USOCR | OR | OFF | 2008/06/02 19:03 |
| S25 | 13 | (S23 or S24) and (convolution or convolve) same (orientation or angle or direction) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/06/02 19:03 |
| S26 | 254 | ((345/136) or (382/269)).CCLS. | US-PGPUB; USPAT; USOCR | OR | OFF | 2008/06/02 20:13 |
| S27 | 12 | (S26 or S18 or S24) and (orientation or angle or direction) near detect\$4 and edge near detect\$4 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/06/02 20:13 |
| S28 | 21 | (S26 or S23 or S24) and (orientation or angle or direction) near detect\$4 and edge near detect\$4 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/06/02 20:17 |
| S29 | 10 | (US-20040161141-\$ or US-20010055025-\$). did. or (US-5867142-\$ or US-5293579-\$ or US-6798422-\$ or US- 6650790-\$ or US- 6873741-\$ or US- 5699172-\$ or US- 5748178-\$ or US- 5050227-\$).did. or (EP- 689159-A-\$).did. | US-PGPUB; USPAT; DERWENT | OR | OFF | 2008/06/08 18:53 |
| S30 | 2 | S29 and largest | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/06/08 18:53 |
| S31 | 583 | (345/611).CCLS. | US-PGPUB; USPAT; USOCR | OR | OFF | 2008/06/08 18:54 |

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| S32 | 46 | (345/616).CCLS. | US-PGPUB; USPAT; USOCR | OR | OFF | 2008/06/08 18:54 |
| S33 | 254 | ((345/136) or (382/269)).CCLS. | US-PGPUB; USPAT; USOCR | OR | OFF | 2008/06/08 18:54 |
| S34 | 7 | (S33 or S31 or S32) and (orientation or angle or direction) near detect\$4 and edge near detect\$4 and largest | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/06/08 18:54 |
| S35 | 0 | ("0686941").PN. | EPO | OR | OFF | 2008/06/08 20:24 |
| S36 | 0 | ("EP686941").PN. | EPO | OR | OFF | 2008/06/08 20:25 |
| S37 | 0 | "EP0686941{.ap.}" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/06/08 20:28 |
| S38 | 4 | ("20040246546" "20050140664" "6262773" "6924844").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2008/06/08 20:29 |
| S39 | 3 | S38 and third | US-PGPUB; USPAT; USOCR | OR | OFF | 2008/06/08 20:34 |
| S40 | 583 | (345/611).CCLS. | US-PGPUB; USPAT; USOCR | OR | OFF | 2008/06/08 20:46 |
| S41 | 46 | (345/616).CCLS. | US-PGPUB; USPAT; USOCR | OR | OFF | 2008/06/08 20:46 |
| S42 | 254 | ((345/136) or (382/269)).CCLS. | US-PGPUB; USPAT; USOCR | OR | OFF | 2008/06/08 20:46 |
| S43 | 16 | (S42 or S40 or S41) and (orientation or angle or direction) near detect\$4 and edge near detect\$4 and third | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/06/08 20:46 |
| S44 | 2 | ((("6097400") or ("6009447"))).PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2008/06/08 20:49 |
| S45 | 836 | (S42 or S40 or S41) smoothing same target adj pixel same center | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/06/08 23:28 |

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|-----|----|--|---|----|-----|---------------------|
| S46 | 3 | (S42 or S40 or S41) and smoothing same target adj pixel same center | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/06/08 23:28 |
| S47 | 0 | (S42 or S40 or S41) and smoothing same normalize | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/06/09 00:23 |
| S48 | 6 | (S42 or S40 or S41) and smoothing same normalized | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/06/09 00:24 |
| S49 | 10 | (S42 or S40 or S41) and smoothing near only | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/06/09 01:40 |
| S50 | 83 | (S42 or S40 or S41) and smoothing same only | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/06/09 01:42 |
| S51 | 0 | (S42 or S40 or S41) and "not" near smoothing | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/06/09 01:47 |

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